



# SEQUENCE LISTING

<110> The University of Melbourne

<120> Small Cyclic Mimics of Brain-Derived Neurotrophic Factor (BDNF)

<130> FP12888

<140> PCT/AU00/00641

<141> 2000-06-07

<150> AU PQ0848

<151> 1999-06-08

<160> 39

<170> PatentIn version 3.1

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<213> Artificial Sequence

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<400> 1

Cys Glu Lys Val Pro Val Ser Lys Gly Gln Leu Lys Gln Cys

1 5 10

<210> 2

<211> 14

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<222> (1)..(1)

<223> ACETYLATION

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1 5 10

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Glu Lys Val Pro Val Ser Lys Gly Gln Leu Lys Gln  
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Cys Val Pro Val Ser Lys Gly Gln Leu Cys  
1 5 10

<210> 6  
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Cys Pro Val Ser Lys Gly Gln Cys  
1 5

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Cys Ala Lys Val Pro Val Ser Lys Gly Gln Leu Lys Gln Cys  
1 5 10

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Cys Glu Ala Val Pro Val Ser Lys Gly Gln Leu Lys Gln Cys  
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Cys Glu Lys Ala Pro Val Ser Lys Gly Gln Leu Lys Gln Cys  
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Cys Glu Lys Val Ala Val Ser Lys Gly Gln Leu Lys Gln Cys  
1 5 10

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Cys Glu Lys Val Pro Ala Ser Lys Gly Gln Leu Lys Gln Cys  
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Cys Glu Lys Val Pro Val Ala Lys Gly Gln Leu Lys Gln Cys  
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Cys Glu Lys Val Pro Val Ser Lys Ala Gln Leu Lys Gln Cys  
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Cys Glu Lys Val Pro Val Ser Lys Gly Ala Leu Lys Gln Cys  
1 5 10

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Cys Glu Lys Val Pro Val Ser Lys Gly Gln Ala Lys Gln Cys  
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<210> 17

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Cys Glu Lys Val Pro Val Ser Lys Gly Gln Leu Ala Gln Cys  
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<210> 18

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Cys Glu Lys Val Pro Val Ser Lys Gly Gln Leu Lys Ala Cys  
1 5 10

<210> 19

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<222> (3)..(3)  
<223> to residue 3 of SEQ ID NO 20

<400> 19

Cys	Val	Cys	Val	Ser	Lys	Gly	Gln	Leu	Cys
1				5					10

<210> 20  
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<222> (3)..(3)  
<223> to residue 3 of SEQ ID NO 19

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Cys	Val	Cys	Val	Ser	Lys	Gly	Gln	Leu	Cys
1				5					10

<210> 21  
<211> 10  
<212> PRT  
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<222> (4)..(4)  
<223> to residue 4 of SEQ ID No 22

<400> 21

Cys	Val	Pro	Cys	Ser	Lys	Gly	Gln	Leu	Cys
1				5					10

<210> 22  
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<223> to residue 4 of SEQ ID No 21

<400> 22

Cys	Val	Pro	Cys	Ser	Lys	Gly	Gln	Leu	Cys
1				5					10

<210> 23  
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Cys Val Pro Val Cys Lys Gly Gln Leu Cys  
1 5 10

<210> 24

<211> 10

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<223> to residue 5 of SEQ ID NO 23

<400> 24

Cys Val Pro Val Cys Lys Gly Gln Leu Cys  
1 5 10

<210> 25

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<212> PRT

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<223> derivitised with acetamidomethyl

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<222> (1)..(10)

<223>

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Cys Val Cys Val Ser Lys Gly Gln Leu Cys  
1 5 10

<210> 26  
<211> 10  
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<223> derivitised with acetamidomethyl

<400> 26

Cys	Val	Pro	Cys	Ser	Lys	Gly	Gln	Leu	Cys
1				5					10

<210> 27  
<211> 10  
<212> PRT  
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<220>  
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<223> derivitised with acetamidomethyl

<220>  
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<222> (1)..(10)  
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<400> 27

Cys	Val	Pro	Val	Cys	Lys	Gly	Gln	Leu	Cys
1				5					10

<210> 28  
<211> 11  
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<222> (11)..(11)

<223> AMIDATION

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<222> (1)..(10)

<223>

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<221> DISULFID

<222> (11)..(11)

<223> to residue 11 of SEQ ID No 29

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Cys	Val	Pro	Val	Ser	Lys	Gly	Gln	Leu	Cys	Glu
1				5					10	

<210> 29

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> ACETYLATION

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<223> to residue 11 of SEQ ID No 28

<400> 29

Cys Val Pro Val Ser Lys Gly Gln Leu Cys Lys  
1 5 10

<210> 30  
<211> 11  
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<223>

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<223> to residue 5 of SEQ ID No 31

<220>  
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<223> to residue 11 of SEQ ID No 31

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Cys Val Pro Val Cys Lys Gly Gln Leu Cys Glu

1 5 10

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<223> to residue 5 of SEQ ID No 30

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<223> to residue 11 of SEQ ID No 30

<400> 31

Cys Val Pro Val Cys Lys Gly Gln Leu Cys Lys  
1 5 10

<210> 32  
<211> 5  
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<223> Xaa at position 1 is a D-proline

<400> 32

Xaa Ala Lys Lys Arg  
1 5

<210> 33  
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<400> 33

Xaa Leu Leu Ala  
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<210> 34  
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<400> 34

Xaa Leu Leu Ala  
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<210> 35

<211> 5  
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<400> 35

Ala Pro Lys Lys Ala  
1 5

<210> 36  
<211> 12  
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<400> 36

Glu Lys Val Pro Val Ser Lys Gly Gln Leu Lys Gln  
1 5 10

<210> 37  
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<220>  
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<222> (11)..(11)  
<223> AMIDATION

<400> 37

Cys Val Pro Val Ser Lys Gly Gln Leu Cys Glu  
1 5 10

<210> 38  
<211> 11  
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<222> (11)..(11)  
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<400> 38

Cys Val Pro Val Ser Lys Gly Gln Leu Cys Lys  
1 5 10

<210> 39  
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<220>  
<221> MISC\_FEATURE  
<222> (11)..(11)  
<223> amide bond between residue 11 and residue 11 of SEQ ID 39

<400> 39

Cys Val Pro Val Cys Lys Gly Gln Leu Cys Glu  
1 5 10